

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000463

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61F 13/471, A61F 5/453

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, PAJ, FULLTEXT, INSPEC, EPOQUE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0787473 A1 (UNI-CHARM CORPORATION), 6 August 1997 (06.08.1997), column 2, line 10 - column 4, line 40, figures 1-5  --	1-11
A	EP 1086679 A2 (UNI-CHARM CORPORATION), 28 March 2001 (28.03.2001), figures 1-9, claims 1-8, column 1, (0005) - column 3, (0012)  --	1-11
A	US 20030004478 A1 (LARS MATTSSON), 2 January 2003 (02.01.2003), figures 1-11, claims 1-8, page 2, (0024) - (0031)  --	1-11

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

- "&" document member of the same patent family

Date of the actual completion of the international search

21 October 2004

Date of mailing of the international search report

25-10-2004

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4863448 A (SKIP BERG), 5 Sept 1989 (05.09.1989), figures 5-11, claims 1-12, abstract	1-11
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A	US 4601716 A (LONNIE W. SMITH), 22 July 1986 (22.07.1986), figures 1-4, claims 1-20, abstract	1-11
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A	US 4790835 A (BARNEY ELIAS), 13 December 1988 (13.12.1988), column 1, line 37 - column 2, line 24, figures 1-3, claims 1-6	1-11
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A	US 6479726 B1 (WALTER E. COLE), 12 November 2002 (12.11.2002), column 1, line 31 - line 61, figures 1-5, claims 1-18	1-11
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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/FI 2004/000463

EP	0787473	A1	06/08/1997	SE	0787473	T3	
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				JP	9206324	A	12/08/1997
				SG	52910	A	28/09/1998
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US	4863448	A	05/09/1989	NONE		
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US	4601716	A	22/07/1986	NONE		
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US	4790835	A	13/12/1988	NONE		
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US	6479726	B1	12/11/2002	NONE		
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